

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1-903 U.S. PTO
09/884041
06/20/01

In re PATENT APPLICATION of





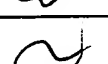


Inventor(s): ELLIS, Frampton
 Atty. Dkt: 081498/0279404
 Appln. No.: Unknown/
 Filed: Herewith
 FOR: GLOBAL NETWORK COMPUTERS

Group Art Unit: Unknown
 Examiner: Unknown

Date: June 20, 2001

IDS LETTER CITING APPLICATION(S) AND ATTACHING PTO-1449/DOCUMENTS

The Examiner's attention is directed to the following application(s) of:

Examiner's Initials*	FIRST INVENTOR (Last Name Only)	APPLICATION NO. & Filing Date	ENCLOSED
	ELLIS	09/669,730, filed September 26, 2000	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	09/571,558, filed May 16, 2000	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	09/320,660, filed May 27, 1999	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	09/315,026, filed May 20, 1999	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	09/085,755, filed May 27, 1998	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	08/980,058, filed November 26, 1997	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other
	ELLIS	09/213,875, filed December 17, 1998	<input type="checkbox"/> Spec <input type="checkbox"/> Drawings <input type="checkbox"/> Current Claims <input type="checkbox"/> Other

PLEASE DO NOT PRINT the above information on the patent which results from the subject application.

Consideration of each listed application is earnestly solicited since unpublished patent applications are contemplated as IDS material; see the exception in Rule 98(a)(2)(iii) and note the penultimate sentence of MPEP 609.

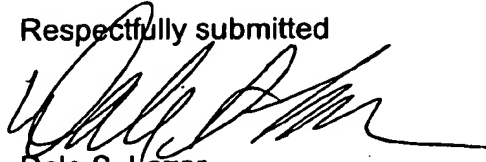
Further, in keeping with MPEP 609, Subsec. C(2), 2nd para., line 10 to end of the paragraph (especially note lines 18-25) **PLEASE RETURN A COPY OF THIS LETTER** with the Examiner's initials adjacent each above listing so that applicant will know that each listed application has been considered as required by PTO policy. Thanks.

Secondly, please consider each enclosed document which is listed on the attached Form

PTO-1449 and return a copy of that form with the Examiner's initials adjacent each citation.

Thanks again.

Respectfully submitted



Dale S. Lazar

*The Examiner's initials adjacent a citation indicates he/she has considered the cited application relative to the subject application.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

0279404

GNC16CON

Applicant: ELLIS

Continuation of Appln. No.: 09/315,026

Filing Date: May 29, 1999

Examiner: Unknown

Group Art Unit: Unknown

Date: June 20, 2001

Page

1

of

6

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR 4,827,508	05/1989	SHEAR			
	BR 4,918,596	04/1990	NAKANO			
	CR 4,969,092	11/1990	SHORTER			
	DR 5,025,369	06/1991	SCHWARTZ			
	ER 5,031,089	07/1991	LIU et al.			
	FR 5,103,393	04/1992	HARRIS et al.			
	GR 5,109,329	04/1992	STRELIOFF			
	HR 5,109,512	04/1992	BAHR et al.			
	IR 5,136,708	08/1992	LAPOURTE et al.			
	JR 5,155,808	10/1992	SHIMIZU			
	KR 5,291,494	03/1994	BRUCKERT et al.			
	LR 5,341,477	08/1994	PITKIN et al.			
	AR 5,349,682	09/1994	ROSENBERY			
	MR 5,357,632	10/1994	PIAN et al.			
	NR 5,361,362	11/1994	BENKESER et al.			
	OR 5,381,534	01/1995	SHI			
	PR 5,392,400	02/1995	BERKOWITZ et al.			
	QR 5,410,651	04/1995	SEKIZAWA et al.			
	RR 5,426,741	06/1995	BUTTS, JR. et al.			
	SR 5,428,783	06/1995	LAKE			
	TR 5,457,797	10/1995	BUTTERWORTH et al.			
	UR 5,515,511	05/1996	NGUYEN et al.			
	VR 5,522,070	05/1994	SUMIMOTO			
	WR 5,546,594	08/1996	WAZUMI			
	XR 5,550,984	08/1996	GELB			
	YR 5,568,375	10/1996	RAUSCH			
	BR 5,572,643	11/1996	JUDSON			
	ZR 5,586,121	12/1996	MOURA et al.			
	CR 5,590,284	12/1996	CROSETTO			
	AAR 5,594,491	01/1997	HODGE et al.			
	BBR 5,608,448	03/1997	SMORAL et al.			
	CCR 5,615,127	03/1997	BEATTY et al.			
	DDR 5,666,484	09/1997	ORIMO et al.			
	EER 5,678,028	10/1997	BERSHTEYN et al.			
	DR 5,680,548	10/1997	TRUGMAN			
	ER 5,696,902	12/1997	LECLERCQ et al.			
	FFR 5,710,884	01/1998	DEDRICK			
	GGR 5,748,489	05/1998	BEATTY et al.			

Examiner

D. D. INH

Date Considered:

9/30/00

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	0279404	GNC16CON1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: ELLIS
Continuation of Appln. No.: 09/315,026
Filing Date: May 29, 1999

Date: June 20, 2001	Page	2	of	6	Examiner: Unknown	Group Art Unit: Unknown
---------------------	------	---	----	---	-------------------	-------------------------

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>[initials]</i>	AR	5,758,077	05/1998	DANAHY et al.			
	BR	5,758,345	05/1998	WANG			
	CR	5,761,507	06/1998	GOVETT			
	FR	5,774,668	06/1998	CHOQUIER et al.			
	DR	5,790,431	08/1998	AHRENS, Jr. et al.			
	GR	5,793,968	08/1998	GREGERSON et al.			
	ER	5,794,059	08/1998	BARKER et al.			
	HR	5,815,665	09/1998	TEPER et al.			
	IR	5,815,793	09/1998	FERGUSON			
	JR	5,826,014	10/1998	COLEY et al.			
	KR	5,828,833	10/1998	BELVILLE et al.			
	LR	5,844,594	12/1998	FERGUSON			
	FR	5,845,074	12/1998	KOBATA			
	GR	5,850,449	12/1998	MCMANIS			
	HR	5,864,738	01/1999	KESSLER et al.			
	MR	5,881,284	03/1999	KUBO			
	NR	5,889,989	03/1999	ROBERTAZZI et al.			
	OR	5,909,681	06/1999	PASSERA et al.			
	PR	5,930,511	07/1999	HINSLEY			
	QR	5,964,832	10/1999	KISOR			
	RR	5,978,829	11/1999	CHUNG et al.			
	SR	6,052,555	04/2000	FERGUSON			
	TR	6,098,091	08/2000	KISOR			
	UR	6,112,225	08/2000	KRAFT et al.			
<i>[initials]</i>	VR	6,112,243	08/2000	DOWNS et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
<i>[initials]</i>	WR WO 98/26366	06/1998	WIPO	Ellis		
<i>[initials]</i>	XR 0 853 279	07/1998	EUROPE	Nagaratna et al.		
<i>[initials]</i>	YR WO 94/01964	01/1994	WIPO	Craig		
<i>[initials]</i>	ZR WO 95/01060	01/1995	WIPO	Kramer et al.		
<i>[initials]</i>	AAR EP 0 840216A2	05/1998	Europe	Chung et al.		

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>[initials]</i> BBR "Ein-Chip-Firewall," Elektroniknet Top News, XP-002164257

Examiner <i>P. D. M.</i>	Date Considered: <i>7/30/01</i>
--------------------------	---------------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office					Atty. Dkt. No.	M# 0279404	Client Ref. GNC16CON1
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant: ELLIS		
					Continuation of Appln. No.: 09/315,026		
					Filing Date: May 29, 1999		
Date: June 20, 2001		Page 3 of 6	Examiner: Unknown		Group Art Unit: Unknown		
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)							
AR	Means for Implementing Optical Interconnections for Parallel Processors," IBM Technical Disclosure Bulletin, April 1991, Vol. 33, No. 11, pages 56-58, XP 000110310						
BR	Alexandrov et al., "SuperWeb: Research Issues in Java-Based Global Computing," Concurrency, Vol. 9, No. 6, June 1997, pages 535-553						
CR	Baraloo et al., "Charlotte: Metacomputing on the Web," 9th International Conference on Parallel and Distributed Computing Systems (PDCS), 1996, pages 1-8						
DR	Bevinakoppa et al., "Digital Image Compression on a Network of Transputers," Proc. of 5th Australian Transputer & OCCAM User Group Conference, IOS Press, Amsterdam, pp. 25-32						
ER	Blumofe, R. et al., "Scheduling Large-Scale Parallel Computations on Networks of Workstations," Proc. Of the 3rd IEEE Int'l Symp on High Performance Distributed Computing, pp. 96-105, Aug. 1994						
FR	Brecht et al., "ParaWeb: Towards World-Wide Supercomputing," Proceedings of the Seventh AcM SIGOPS European Workshop, September 1996, 8 pages						
GR	Brisbin, "Shopping for Internet access," MacUser, December 1994, v.10, p. 133(2)						
HR	Brown et al., Special Edition Using Netscape™, 2 Second Edition, Que Corporation, 1995, Ch. 1-2						
IR	Capello et al., "Market-Based Massively Parallel Internet Computing," Proceedings Third Working Conference on Massively Parallel Programming Models, 1998, pages 118-129						
JR	Celenk, M. et al., "Parallel Task Execution in LANs and Performance Analysis," Proc. Of the 1995 IEEE 14th Annual Int'l Phoenix Conf. On Computers and Communications, pp. 423-429, Mar. 1995						
KR	Chen, C. et al., "The DBC: Processing Scientific Data Over the Internet," Proc. Of the 16th Int'l. Conf. On Distributed Computing Systems, pp. 673-679, May 1996						
LR	Clark, H. et al., "DAWGS-A Distributed Computer Server Utilizing Idle Workstations," Proc. Of the 5th Distributed Memory Computing Conf., IEEE, pp. 732-741, April 1990						
MR	Fogg, C., "Survey of software and hardware VLC architectures," SPIE, vol. 2186, Image and Video Compression (1994), pp. 29-37						
NR	Fox et al., "Towards Web/Java based High Performance Distributed Computing-an Evolving Virtual Machine," www.npac.syr.edu/projects/webospace/doc/hpdc5/paper, June 10, 1996, 11 pages						
OR	Fox et al., "Towards Web/Java based High Performance Distributed Computing-an Evolving Virtual Machine," as presented at 5th IEEE International Symposium on High Performance Distributed Computing, August 6-9, 1996, 86 pages						
PR	Fox, E., "Advances in Interactive Digital Multimedia Systems," Computer, Oct. 1991, pp. 9-21						
QR	Gemmell et al., "Multimedia Storage Servers: a Tutorial," Computer, May 1995, pp. 40-49						
RR	Geoffrey C. Fox and Wojtek Furmanski, Petaops and Exaops: Supercomputing on the Web, "IEEE INTERNET COMPUTING," Vol. 1, Number 2 March-April 1997, pgs. 38-46.						
Examiner <i>D. R. M.</i>					Date Considered: <i>7/30/05</i>		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	0279404	GNC16CON1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: ELLIS
Continuation of Appln. No.: 09/315,026
Filing Date: May 29, 1999

Date: June 20, 2001	Page	4	of	6	Examiner: Unknown	Group Art Unit: Unknown
---------------------	------	---	----	---	-------------------	-------------------------

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

8	AR	Gibbs, "Bandwidth, Unlimited," Scientific American, January 1997, p. 41							
	BR	Gilder, "Angst and Awe on the Internet by George Gilder," Forbes ASAP, December 4, 1995							
	CR	Gilder, "The Bandwidth Tidal Wave," Forbes ASAP, December 5, 1994							
	DR	Hare et al., "Master the Complexities of Network Security," Internet Firewalls and Network Security, Second Edition, pp. 325-350 and 516							
	ER	Hayes, "Computing Science: Collective Wisdom," American Scientist, March-April 1998, pages 1-8							
	FR	Kim, B., "ATM Network: Goals and Challenges," Communications of the ACM, Feb. 1995, vol. 38, No. 2, pp. 39-44, 109							
	GR	Kivanc Dincer and Geoffrey C. Fox, Building a World-Wide Virtual Machine Based on Web and HPCC Technologies, "STUDENT TECHNICAL PAPERS," http://www.supercomp.org/sc96/proceedings/SC96PROC/DINCER/INDEX.HTM pgs. 1-18.							
	HR	Kremien, O., "Buying and Selling Computational Power Over the Network," Proc. Of the 4 th Int'l. Conf. On Computer Communications and Networks, IEEE, pp. 616-619, Sep. 1995							
	IR	Lindley, C., "JPEG-Like Image Compression, Part 2," Dr. Dobb's Journal, Aug. 1995, pp 62-66, 102-105							
	JR	Lindley, C., "JPEG-Like Image Compression, Part 1," Dr. Dobb's Journal, Jul. 1995, pp. 50-58, 101-102							
	KR	Litzkow et al., "Condor-A Hunter of Idle Workstations," Proc. Of the 8 th Int'l. Conf. On Distributed Computing Systems, IEEE, pp. 104-111, Jun. 1998							
	LR	M. Hobbs and A. Goscinski, A Remote Process Creation and Execution Facility Supporting Parallel Execution on Distributed Systems, "IEEE 1996," pgs. 92-99.							
	MR	Markoff, "A New Standard to Govern PC's with Multiple Chips, Work Stations Mimicking Supercomputers," The New York Times, October 28, 1997							
	NR	McHenry et al., "An FPGA-Based Coprocessor for ATM Firewalls," Field-Programmable Custom Computing Machines 1997, 16-18 April 1997, pages 30-39, XP-002157218							
	OR	Morris, J., et al., "Fault Tolerant Networks of Workstations," Proc. Of the 3 rd Int'l. Conf. On High Performance Computing, IEEE, pp. 271-276, Dec. 1996							
	PR	N/A, "Aliens on your desktop," The Economist, April 18, 1998, p. 78							
	QR	N/A, "Cyber View World Wide Widgets," Scientific American, May 1997, p. 48							
	RR	N/A, "Special Report - Wonder Chips," Business Week, July 4, 1994							
	SR	N/A, "Supercomputers Divide and Conquer," The Economist, December 14, 1996							
	TR	Nass, R., "Hardware-software combo could simplify MPEG real-time video compression," Electronic Design, May 3, 1993, p. 36							
	UR	Nowatzky et al., "Are Crossbars Really Dead? The Case for Optical Multiprocessor Interconnect Systems," Proceedings of the Annual Symposium on Computer Architecture, ACM, volum 22, June 1995, pages 106-115, XP 000687800							
✓	VR	Ozer, "Digital Video: Shot by Shot," PC Magazine, Apr. 11, 1995, pp. 104-107, 110							
	WR	Ozer, J., "Why MPEG is Hot," PC Magazine, Apr. 11, 1995, pp. 130-131							

Examiner

D. D. N. A.

Date Considered:

7/20/95

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office					Atty. Dkt. No.	M#	Client Ref.
					0279404	GNC16CON1	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant: ELLIS		
					Continuation of Appln. No.: 09/315,026		
					Filing Date: May 29, 1999		
Date: June 20, 2001		Page 5 of 6	Examiner: Unknown		Group Art Unit: Unknown		
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)							
A	AR	Plotkin, "The Digital Compression Facility-A Solution to Today's Compression Needs," 1994 IEEE, pp 445-449					
	BR	Qiao et al., "Time-Division Optical Communications in Multiprocessor Arrays," ACM, 1991, pages 644-653, XP 000337522					
	CR	Rincon et al., "The Changing Landscape of System-on-a-Chip Design," MicroNews, Third Quarter 1999, www.chips.ibm.com/micronews/vol5_no3/rincon.html, pages 1-10, Vol. 5, No. 3					
	DR	Sachs, M. et al., "LAN and I/O Convergence: A Survey of the Issues," Computer, Dec. 1994, pp. 24-32					
	ER	Sakano et al., "A Three-Dimensional Mesh Multiprocessor System Using Board-to-Board Free-Space Optical Interconnects: COSINE-III," IEEE, 1993, pages 278-283, XP 000463415					
	FR	Schroeder, E., "New offerings buoy MPEG as video standard," Desktop Computing, PC Week, May 8, 1995, pp. 1&29					
	GR	Shen et al., "A Parallel Implementation of an MPEG1 Encoder: Faster than Real-Time!", Proc. Of SPIE Conf. On Digital Video Compression, San Jose, CA, Feb. 1995					
	HR	Shiuan, J. et al., "Client-Server Based Ray-Tracer Using ASTRA: An Asynchronous RPC Mechanism," Computer Communications, vol. 19, No. 5, pp. 445-455, May 1996					
	IR	Steven M. Bellovin and William R. Cheswick, Network Firewalls, "IEEE Communications Magazine 1994," pgs. 50-57.					
	JR	Sullivan et al., "A New Major SETI Project Based on Project Serendip Data and 100,000 Personal Computers." http://setiathome.ss.berkeley.edu/woody_paper.htm/					
	KR	Szabo, B., et al., "Design considerations for JPEG Video and Synchronized Audio in a Unix Workstation Environment," USENIX-Summer '91, pp. 353-368					
	LR	Taisuke Boku, Hiroshi Nakamura, Kisaburo Nakazawa, and Yoichi Iwasaki, The Architecture of Massively Parallel Processor CP-PACS, "IEEE 1997," pgs. 31-40.					
	MR	Tandiary et al., "Batrun: Utilizing Idle Workstations for Large-Scale Computing," Summer 1996, pp. 41-48					
	NR	Theimer et al., "Finding Idle Machines in a Workstation-Based Distributed System," IEEE Trans. On Software Engineering, vol. 15, No. 11, pp 1444-1458, Nov. 1989					
	OR	Vetter, R., "ATM Concepts, Architectures, and Protocols," Communications of the ACM, Feb. 1995; vol. 38, No. 2, pp. 30-38, 109					
	PR	Vetter, R., et al., "Issues and Challenges in ATM Networks," Communications of the ACM, 2/1995; vol. 38, No. 2, pp. 28-29					
	QR	Waldspurger et al., "Spawn: A Distributed Computational Economy," IEEE Transactions on Software Engineering, Vol. 18, No. 2, February 1992, pages 103-117, XP-002124500					
	RR	Weiyi et al., "Java-to-Go - Iterative Computing Using Java," September 10, 1996 http://ptolemy.eecs.berkeley.edu/dgm/javatools/java-to-go/					
C	SR	Yoon-Hwa Choi and Yu-Seok Kim, A Diagnostic Network for Massively Parallel Processing Systems, "IEEE 1994," pgs. 348-353.					
Examiner <i>P. Dinn</i>					Date Considered: <i>9/30/03</i>		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office					Atty. Dkt. No.	M#	Client Ref.
					0279404		GNC16CON1
					INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
Date: June 20, 2001 Page 6 of 6					Applicant: ELLIS Continuation of Appln. No.: 09/315,026 Filing Date: May 29, 1999		
					Examiner: Unknown Group Art Unit: Unknown		
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)							
5	AR	Yoshida, J., "MPEG-2 encoders make show of force at NAB," Electronic Engineering Times, Apr. 10, 1995				—	—
5	BR	Yu, Y. et al., "Software Implementation of MPEG-II Video Encoding Using Socket Programming in LAN," SPIE vol. 2187, pp. 229-240, 1994				—	—
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						
	OR						
	PR						
	QR						
	RR						
	SR						
	TR						
	UR						
	VR						
	WR						
	XR						
	YR						
	ZR						
	AAR						
	BBR						
	CCR						
	DDR						
	EER						
	FFR						
	GGR						
	HHR						
	IIR						
Examiner: <i>D. D. H.</i>					Date Considered: <i>9/30/05</i>		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

0279404

GNC16CON1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



Applicant: ELLIS

Appln. No.: 09/884,041

Filing Date: June 20, 2001

Examiner: UNKNOWN

Group Art Unit: UNKNOWN

Date: January 25, 2002

Page

1

of

1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
J	AR 5,592,376	01/1997	HODROFF	705	14	
J	BR 5,388,211	02/1995	HORNBuckle	717	11	
J	CR 6,115,698	09/2000	TUCK et al.	705	37	
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

RECEIVED
JAN 30 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							Abstract		Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
	OR									
	PR									
	QR									
	RR									
	SR									
	TR									
	UR									
	VR									
	WR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

J	XR	Fields, Scott, "Hunting for Wasted Computing Power - New Software for Computing Networks Puts Idle PC's to Work," 1993 University of Wisconsin-Madison. Internet: http://www.cs.wise.edu/condor/doc/Wiseldea.html			
	YR				
	ZR				
	AAR				
	BBR				
	CCR				

Examiner

P. D. N. H.

Date Considered:

9/30/05

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO .

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of
-------	---	----


Complete if Known

Application Number	09/884,041
Filing Date	06/20/2001
First Named Inventor	FRAMPTON E ELLIS
Art Unit	2153
Examiner Name	
Attorney Docket Number	081498-0279404

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	A	DE 40 08 335 A1	09-26-1991	VIELHABEN		X

Examiner Signature	<i>D. Dima</i>	Date Considered	<i>9/22/05</i>
-----------------------	----------------	--------------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	09/884,041		
		Filing Date	06/20/2001		
		First Named Inventor	FRAMPTON E ELLIS		
		Art Unit	2153		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	081498-0279404

RECEIVED
AUG 05 2004
Technology Center 2100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	NONE, "PC vision: Intel unveils plans to bring PCs to vehicles", EDGE: Work Group Computing Report, EDGE Publishing, p. 1-2, (October 28, 1996).	
	B	LI, YAO, "Free-space Optical Bus-based WDMA Interconnects for Parallel Computation," LEOS '92 Conference Proceedings, Lasers and Electron-Optics Society Annual Meeting, p. 588-589, (November 16-19, 1992).	
	C	DICKINSON ET AL., "An Integrated Free Space Optical Bus," 1989 IEEE International Conference on Computer Design" VLSI In Computers and Processors, p. 62-65, (October 2-4, 1989).	
	D	NATARAJAN ET AL, "Bi-Directional Optical Backplane Bus for General Purpose Multi-Processor," Journal of Lightwave Technology, Vol. 13 (No. 6), p. 1031-1040, (June 6, 1995).	
	E	ZHAO ET AL, "General Purpose Bidirectional Optical Backplane: High Performance Bus for Multiprocessor Systems," Massively Parallel Processing Using Optical Interconnections, 2nd International Conference, p. 188-195, (October 23-24, 1995).	
	F	WU ET AL, "Microprocessor Control Signal Transmission through Optical Fiber," Conference Record of 1992 IEEE Industry Applications Society Annual Meeting, p. 1747-1750, (October 4-9, 1992).	

Examiner Signature	<i>D. DIMM</i>	Date Considered	9/30/05
--------------------	----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.